XII. CHEMISTRY (B. Sc. Hons.).

Major Subject—

The course of study shall consist of a comprehensive treatment of the four main divisions of the subject—

(1) Historical and Theoretical Chemistry.
(2) Inorganic Chemistry.
(3) Physical Chemistry.
(4) Chemistry of carbon compounds.

The laboratory course shall include qualitative analysis of minerals and mixtures of inorganic substances; volumetric and gravimetric analysis; the determination of carbon, hydrogen, nitrogen and chlorine; inorganic compounds; inorganic preparations; and the more important physico-chemical measurements.

Besides the above, the course will include a special paper on branches of Mathematics specially useful to students of Chemistry according to the following syllabus :—

(1) Methods of differentiation and integration.
(2) Successive differentiation. Maxima and Minima.
(3) Partial differentiation. Exact differential.
(4) Simple differential equations that occur in Physical Chemistry.
(5) Probability and the elements of Statistical methods as applied to problems in Physical Chemistry. Kinetic Theory. Elements of the Quantum Theory of Radiation.

In treating the subject, emphasis is to be laid on the application of the mathematical process to actual problems arising in Chemistry and Physics.

Minor Subject—

Physics as in the Pass course.

Subsidiary Subject—One of the following—2 papers.

(1) Plant Chemistry.
The first paper in Plant Chemistry shall be identical with the paper on correlated study for the B.Sc., (Honours) (Botany major, Chemistry minor).

(2) Colloid and Capillary Chemistry.

XIII. Geology
XIV. Zoology
XV. Botany
} As in Supplement to Calendar, Vol. I of 1930-31, (pages 62 to 69.)

"Copies"

V. GOPALASWAMI AIENGAR,
Registrar.

Notification No. 12705, *dated* 17*th* *December* 1932.

It is hereby notified that copies of the Annual Report of the University of Mysore for the year 1931-32, are available for sale in the Government Oriental Library, Mysore, at eight annas per copy.

By Order,

V. GOPALASWAMY AIENGAR,
Registrar.